

RAW SEQUENCE LISTING

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Application Serial Number: 09/786,867C
Source: 1Fw16
Date Processed by STIC: 2/4/05

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IFW16

RAW SEQUENCE LISTING

DATE: 02/04/2005

PATENT APPLICATION: US/09/786,867C

TIME: 15:52:52

Input Set : A:\updated sequence listing.txt

Output Set: N:\CRF4\02042005\I786867C.raw

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3 <110> APPLICANT: MOROZ, Chaya
5 <120> TITLE OF INVENTION: DNA SEQUENCE ENCODING ONCOFETAL FERRITIN PROTEIN
7 <130> FILE REFERENCE: MOROZ=3
9 <140> CURRENT APPLICATION NUMBER: US 09/786,867C
C--> 10 <141> CURRENT FILING DATE: 2001-08-21
12 <150> PRIOR APPLICATION NUMBER: PCT/IL99/00485
13 <151> PRIOR FILING DATE: 1998-09-11
15 <160> NUMBER OF SEQ ID NOS: 36
17 <170> SOFTWARE: PatentIn version 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 891
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
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27 taatgcacac tccattgcat tcagcccgcc tctccttagt cgccgccatg acgaccgcgt      120
29 ccacctcgca ggtgcgccag aactaccacc aggactcaga ggccgccatc aaccgccaga      180
31 tcaacctgga gctctacgcc tctacgttt acctgtccat gtcttactac tttgaccgcg      240
33 atgatgtggc tttgaagaac tttgccaaat actttcttca ccaatctcat gaggagaggg      300
35 aacatgctga gaaactgatg aagctgcaga accaacgagg tggccgaatc ttccttcagg      360
37 atatcaagaa accagactgt gatgactggg agagcgggct gaatgcaatg gagtgtgcat      420
39 tacatttgga aaaaaatgtg aatcagtcac tactggaatt cccttctcct atctctccca      480
41 gtccctagctg ctggcatcac tatactacta acagaccgca acctcaacac caccttcttc      540
43 gaccccgccg gaggaagaga cccatttcta taccaacacc tattctgatt tttcggtcac      600
45 cctgaagttt atattcttat cctaccaggg ttccggaataa tctcccatat tgtaacttac      660
47 tactccggaa atcgtctgtc cctaaccgct aacattactg caggccacct actcatgcac      720
49 ctaattggaa gcgccaccct agcaatatca accattaacc ttccctctac acttatcatc      780
51 ttcacaattc taattctact gactatacta gaaatcgctg tcgccttaat ccaagcctac      840
53 gttttcacac ttctagtaag cctctacctg caccgacaaca cataaaaaaa a          891
56 <210> SEQ ID NO: 2
57 <211> LENGTH: 885
58 <212> TYPE: DNA
59 <213> ORGANISM: Homo sapiens
61 <400> SEQUENCE: 2
62 gggggacgga acccggcgct cgttccccac cccggccggc cgcccatagc cagccctcgc      60
64 tcacctcttc accgcaccct cggactgccc caaggccccc gccgcgcgtc cagcgccgcg      120
66 cagccaccgc cgccgcgcgc gcctctcctt agtcgcgcgc atgacgaccg cgtccacctc      180
68 gcaggtgcgc cagaactacc accaggactc agaggccgcc atcaaccgcc agatcaacct      240
70 ggagctctac gcctcctacg ttacctgtc catgtcttac tactttgacc gcgatgatgt      300
72 ggctttgaag aactttgcca aatactttct tcaccaatct catgaggaga gggaacatgc      360
74 tgagaaactg atgaagctgc agaaccaacg aggtggccga atcttccttc aggatatcaa      420
76 gaaaccagac tgtgatgact gggagagcgg gctgaatgca atggagtgtg cattacattt      480
78 ggaaaaaaat gtgaatcagt cactactgga actgcacaaa ctggccactg acaaaaaatga      540

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80 cccccatttg tgtgacttca ttgagacaca ttacctgaat gagcaggtga aagccatcaa      600
82 agaattgggt gaccacgtga ccaacttgcg caagatggga gcgcccgaat ctggcttggc      660
84 ggaatatctc tttagaagc acaccctggg agacagtgat aatgaaagct aagcctcggg      720
86 ctaatttccc atagcgtgg ggtgacttcc ctggtcacca aggcagtgca tgcattgcat      780
88 ttggggtttc ctttaccttt tctataagtt gtacccaaac atccacttaa gttctttgat      840
90 ttgtaccatt ccttcaaata aagaaatttg gtacccaaaa aaaaaa                  885
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94 <211> LENGTH: 209
95 <212> TYPE: DNA
96 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 3
99 cttctcctat ctctcccagt cctagctgct ggcataccta tactactaac agaccgcaac      60
101 ctcaacacca ctttcttcga cccgcgcgga ggaggagacc ccattctata ccaacaccta      120
103 ttctgatttt tcggtcaccc tgaagtttat attcttatcc taccaggctt cggaataatc      180
105 tcccatattg taacttacta ctccggaaa                  209
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109 <211> LENGTH: 891
110 <212> TYPE: DNA
111 <213> ORGANISM: Homo sapiens
113 <400> SEQUENCE: 4
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118 ccacctcgca ggtgcgccag aactaccacc aggactcaga ggccgccatc aaccgccaga      180
120 tcaacctgga gctctacgcc tcctacgttt acctgtccat gtcttactac tttagaccgg      240
122 atgatgtggc ttgaagaac ttgccaaat actttcttca ccaatctcat gaggagaggg      300
124 aacatgctga gaaactgatg aagctgcaga accaacgagg tggccgaatc ttcttcagg      360
126 atatcaagaa accagactgt gatgactggg agagcgggct gaatgcaatg gagtgtgcat      420
128 tacatttgga aaaaaatgtg aatcagtcac tactggaatt cccttctcct atctctccca      480
130 gtcctagctg ctggcatcac tatactacta acagaccgca acctcaacac cacttcttc      540
132 gacccgcgcg gaggaagaga cccattcta taccaacacc tattctgatt ttccggtcac      600
134 cctgaagttt atattcttat cctaccaggc ttccggaataa tctcccatat tgtaacttac      660
136 tactccggaa atcgtgtgcg cctaaccgct aacattactg caggccacct actcatgcac      720
138 ctaattggaa gcgccacct agcaatatca accattaacc ttccctctac acttatcatc      780
140 ttcacaattc taattctact gactatccta gaaatcgtg tcgccttaat ccaagcctac      840
142 gttttcacac ttctagtaag cctctacctg cagcacaaca cataaaaaaa a                  891
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146 <211> LENGTH: 165
147 <212> TYPE: PRT
148 <213> ORGANISM: Homo sapiens
150 <400> SEQUENCE: 5
152 Met Thr Thr Ala Ser Thr Ser Gln Val Arg Gln Asn Tyr His Gln Asp
153 1          5          10          15
156 Ser Glu Ala Ala Ile Asn Arg Gln Ile Asn Leu Glu Leu Tyr Ala Ser
157          20          25          30
160 Tyr Val Tyr Leu Ser Met Ser Tyr Tyr Phe Asp Arg Asp Asp Val Ala
161          35          40          45
164 Leu Lys Asn Phe Ala Lys Tyr Phe Leu His Gln Ser His Glu Glu Arg
165          50          55          60
168 Gln His Ala Glu Lys Leu Met Lys Leu Gln Asn Gln Arg Gly Gly Arg

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169 65          70          75          80
172 Ile Phe Leu Gln Asp Ile Lys Lys Pro Asp Cys Asp Asp Trp Glu Ser
173          85          90          95
176 Gly Leu Asn Ala Met Glu Cys Ala Leu His Leu Glu Lys Asn Val Asn
177          100          105          110
180 Gln Ser Leu Leu Glu Phe Pro Ser Pro Ile Ser Pro Ser Pro Ser Cys
181          115          120          125
184 Trp His His Tyr Thr Thr Asn Arg Pro Gln Pro Gln His His Leu Leu
185          130          135          140
188 Arg Pro Arg Arg Arg Lys Arg Pro His Ser Ile Pro Thr Pro Ile Leu
189 145          150          155          160
192 Ile Phe Arg Ser Pro
193          165
196 <210> SEQ ID NO: 6
197 <211> LENGTH: 24
198 <212> TYPE: DNA
199 <213> ORGANISM: Homo sapiens
201 <400> SEQUENCE: 6
202 ggtggcgacg actcctggag cccg
205 <210> SEQ ID NO: 7
206 <211> LENGTH: 24
207 <212> TYPE: DNA
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 7
211 ttgacaccag accaactggt aatg
214 <210> SEQ ID NO: 8
215 <211> LENGTH: 27
216 <212> TYPE: DNA
217 <213> ORGANISM: Homo sapiens
219 <400> SEQUENCE: 8
220 gaccgcgatg atgtggcttt gaagaac
223 <210> SEQ ID NO: 9
224 <211> LENGTH: 24
225 <212> TYPE: DNA
226 <213> ORGANISM: Homo sapiens
228 <400> SEQUENCE: 9
229 gataggatct ttagcgacag ccga
232 <210> SEQ ID NO: 10
233 <211> LENGTH: 24
234 <212> TYPE: DNA
235 <213> ORGANISM: Homo sapiens
237 <400> SEQUENCE: 10
238 atggcggcct ctgagtcttg gtgg
241 <210> SEQ ID NO: 11
242 <211> LENGTH: 24
243 <212> TYPE: DNA
244 <213> ORGANISM: Homo sapiens
246 <400> SEQUENCE: 11
247 cgggctgaat gcaatggagt gtgc

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250 <210> SEQ ID NO: 12
251 <211> LENGTH: 18
252 <212> TYPE: DNA
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255 <400> SEQUENCE: 12
256 gacccccatt tgtgtgac 18
259 <210> SEQ ID NO: 13
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261 <212> TYPE: DNA
262 <213> ORGANISM: Homo sapiens
264 <400> SEQUENCE: 13
265 cgacgactcc tggagcccg 19
268 <210> SEQ ID NO: 14
269 <211> LENGTH: 24
270 <212> TYPE: DNA
271 <213> ORGANISM: Homo sapiens
273 <400> SEQUENCE: 14
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277 <210> SEQ ID NO: 15
278 <211> LENGTH: 24
279 <212> TYPE: DNA
280 <213> ORGANISM: Homo sapiens
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286 <210> SEQ ID NO: 16
287 <211> LENGTH: 27
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289 <213> ORGANISM: Homo sapiens
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295 <210> SEQ ID NO: 17
296 <211> LENGTH: 28
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298 <213> ORGANISM: Homo sapiens
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304 <210> SEQ ID NO: 18
305 <211> LENGTH: 24
306 <212> TYPE: DNA
307 <213> ORGANISM: Homo sapiens
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323 <211> LENGTH: 20
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327 <400> SEQUENCE: 20
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332 <211> LENGTH: 20
333 <212> TYPE: DNA
334 <213> ORGANISM: Homo sapiens
336 <400> SEQUENCE: 21
337 gggggacgga acccggcgct                20
340 <210> SEQ ID NO: 22
341 <211> LENGTH: 21
342 <212> TYPE: DNA
343 <213> ORGANISM: Homo sapiens
345 <400> SEQUENCE: 22
346 ccctctacac ttatcatctt c                21
349 <210> SEQ ID NO: 23
350 <211> LENGTH: 24
351 <212> TYPE: DNA
352 <213> ORGANISM: Homo sapiens
354 <400> SEQUENCE: 23
355 ctatcctaga aatcgctgtc ggct                24
358 <210> SEQ ID NO: 24
359 <211> LENGTH: 24
360 <212> TYPE: DNA
361 <213> ORGANISM: Homo sapiens
363 <400> SEQUENCE: 24
364 gtcactactg gaattccctt ctcc                24
367 <210> SEQ ID NO: 25
368 <211> LENGTH: 24
369 <212> TYPE: DNA
370 <213> ORGANISM: Homo sapiens
372 <400> SEQUENCE: 25
373 ggagaaggga attccagtag tgac                24
376 <210> SEQ ID NO: 26
377 <211> LENGTH: 21
378 <212> TYPE: DNA
379 <213> ORGANISM: Homo sapiens
381 <400> SEQUENCE: 26
382 ggaaatcgct gtcgcctaac c                21
385 <210> SEQ ID NO: 27
386 <211> LENGTH: 21
387 <212> TYPE: DNA
388 <213> ORGANISM: Homo sapiens
390 <400> SEQUENCE: 27
391 ggttaggcga cagcgatttc c                21
394 <210> SEQ ID NO: 28
395 <211> LENGTH: 20

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VERIFICATION SUMMARY

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date